

# [PRINTED CIRCUIT BOARD DESIGN]

## Abstract

A printed circuit board comprises a plurality of patterned circuit layers, a plurality of insulation layers and a plurality of circuits. Each insulation layer is located between a pair of neighboring patterned circuit layers for isolating the patterned circuit layers. The insulation layer and the patterned circuit layers together form a laminated layer. The circuits are formed on the sidewalls of the printed circuit board or the interior sidewalls of a cavity or an opening within the printed circuit board for interconnecting various patterned circuit layers electrically.